

DECENTLAB

INDOOR AMBIANCE MONITOR FOR LoRaWAN® School | Office | Hospital | Public building



Reliable measurements for healthy indoor air

Simple Installation

- Place & Measure
- Automatic calibration
- Battery operation (2 x AA batteries)
- Wireless connection via LoRaWAN

Easy Monitoring

- Alarm
- Real-time data visualisation
(Mobile / Desktop)

Measurements

- CO2
- Humidity
- Air temperature
- VOC
- Motion detection
- Light intensity
- Air pressure



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The Swiss measuring device DL-IAM from Decentlab reliably measures indoor air quality.

We do not smell poor air quality

Even if rooms smell pleasant, the indoor air may be stale. Not enough fresh outdoor air may have many negative effects on people. Tiredness, difficulty concentrating or recurring headaches are the most common symptoms.

Dry air strains our respiratory tract

Not only during a pandemic, but also in the winter months should special attention be paid to indoor air quality. With a relative humidity of 40–60 %, is the respiratory tract the least strained and less vulnerable to viruses and bacteria.

Healthy indoor air through reliable measurements

When and how long a window needs to be opened in order to have sufficient fresh air can not be determined without a reliable measurement device. Smart buildings with building automation have the clear advantage here. Properly set, they automatically take over regular air exchange and ensure a pleasant and healthy air quality in the rooms.

Values for comfortable indoor air

- Sufficient oxygen: CO2 value below 1000 ppm
- Humidity between 40 % and 60 %
- Temperature: + 20°C to 22°C

